



CHRISTIE Mirage S+4K

Fast, Detailed 3D Images From a Small, Lightweight Package

Uses

- Automotive
- Oil & gas exploration
- Scientific research
- Aerospace
- Engineering
- Manufacturing
- Museums and education
- Architecture
- Entertainment
- Medical/pharmaceutical

The Christie Mirage S+4K produces phenomenal image quality and clarity from a small, light package with increased processing power and internal edge-blending and optional warping – perfect for front and rear stereo projection.

Using next generation 3-chip DLP™ technology, high-quality optics and 10-bit image processing, the Christie Mirage S+4K delivers 5000 lumens and SXGA+ resolution. This quiet yet powerful package offers unique features such as high-bandwidth signal processing, higher stereo sync, internal scaling of stereo signals, Picture in Picture and seamless switching between sources.

On-board ChristieNET™ connectivity makes monitoring and control as simple as plugging in an Ethernet cable. And the Mirage S+4K operates on 110V – 240V for powerful 3D images anywhere. With a full suite of SXGA+ lenses and compatibility with legacy lenses and modules, the Christie Mirage S+4K easily fits into any 3D application.

Christie Mirage – recreate reality!

Christie Mirage S+4K

Specifications



All new 10-bit processing in the Christie Mirage S+4K offers high bandwidth signal processing, optional warping capability, superior edge-blending and much more.

IMAGE

- 5000 ANSI lumens (+/- 10%)
- 90% brightness uniformity
- 450–600:1 ANSI, 1500–2000:1 full field (adjustable internal aperture)

DISPLAY TECHNOLOGY AND RESOLUTION

- 3D 3-chip 0.95" Darkchip2™ DMD
- True SXGA+ 1400 x 1050 resolution

INPUT SIGNAL COMPATIBILITY

- VGA to QXGA (2048 x 1536)
- All current HDTV/DTV formats
- Multi-standard video decoder
- Horizontal and vertical scaling, all inputs

LENS MOUNT

- Motorized horizontal and vertical offset
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment
- Built-in light shutter
- Internal electromechanical iris

LAMP

- 1.0kW CERMAX® Xenon pre-aligned lamp module
- 1000 hours (typical) lifetime

LIGHT OUTPUT CONTROL (LITELOC™)

- "Auto Brightness" (Intensity), "Lamp Conserve" (Power), "Max Brightness" modes



Specifically designed SXGA+ lenses and compatibility with competitive lenses give you the fullest resource flexibility.



A user-replaceable, pre-aligned Xenon lamp features LiteLOC™ for constant brightness.

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

PIXEL CLOCK

- 220 MHz
- 115 Hz refresh rate at SXGA+ resolution
- 120 Hz refresh rate at SXGA resolution

INPUTS, CONTROL & NETWORKING

- RGBHV/YPbPr: 5 BNC
- DVI-I: digital/analog RGB/YPbPr (HDCP)
- One composite video, one S-Video
- Two option slots for analog/digital modules
- 2 RS-232 ports and 1 RS-422 port
- On-board ChristieNET™ connectivity (RJ45)
- Built-in backlit keypad and IR remote control

ADVANCED FEATURE SET

- Stereo Sync Harness
- Built-in edge-blending
- Comprehensive Color Adjustment (CCA™)
- Dark Interval Adjustment (DIA™)
- Minimum Delay Feature
- Picture in Picture
- Seamless switching
- Auto set-up, power-up feature
- Menus in five languages
- On-screen help
- 50 channel memories

POWER REQUIREMENTS

- 100 VAC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 1600W maximum
- Thermal dissipation: 5460 BTU/hr
- Operating current: 12A @ 100V / 8A @ 200V

DIMENSIONS

- Weight: 72 lb (32.7 kg) (excluding lens)
- Shipping weight: 115 lb (52 kg)
- Size: 26" W x 22.3" L x 12.3" H (660mm W x 566mm L x 313mm H) (excluding lens)

STANDARD ACCESSORIES

- IR keypad (w/batteries)
- Line cord
- Stereo Sync Harness
- User manual

OPTIONAL ACCESSORIES

- Fixed lenses: 0.73:1, 1.2:1
- Zoom lenses: 1.45-1.8:1, 1.8-2.5:1, 2.5-4.5:1, 4.5-7.3:1
- ChristieTWIST™ Image Warping and Edge-Blending module
- Dual SD/HD-SDI, DVI and legacy interface modules
- Wired remote control and RS-422 Two Way Controller
- Remote IR sensor
- Ethernet, RS-232, RS-422 cables

- Service manual
 - KoRET™ 10-bit librarian
 - Lens adapter (for competitive lenses)
- ### OPERATING ENVIRONMENT
- Temp: 40 to 95° F (5 to 35° C)
 - Humidity: 20 – 80% non-condensing

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 2 years parts and labor (including light engine)



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For the most current specification information, please visit www.christiedigital.com

